Wyoming COVID-19 Testing Data Dashboard Interpretation

Resulted tests are completed PCR/molecular tests for COVID-19, with either positive or negative results. The numbers on this dashboard count the number of tests, not the number of cases. Some cases may have multiple results so testing numbers will not match case counts. Although antibody/antigen testing is now available in some places, it is not included in these numbers.

COVID-19 Resulted Tests

This table shows the total number of tests resulted broken down by the Wyoming Public Health Laboratory (WPHL) and by other commercial labs (Non-WPHL).

What you need to know about this table:
- The total number of resulted tests from Non-WPHL labs might be underestimated because while most laboratories report all COVID-19 test results to the Wyoming Department of Health, they are only required to report positive results.

COVID-19 Resulted Tests by Collection Date; Lab Type and Percent Positive

This graph shows the total number of tests reported to the Wyoming Department of Health as resulted by the WPHL and Non-WPHL; and the percent of those tests that are positive for COVID-19.

What you need to know about this graph:
- The number of tests from the Wyoming Public Health Laboratory (WPHL) are shown in green, the number of tests from other commercial labs are shown in blue. The number of resulted tests correspond to the scale on the left side of the graph.
- The total number of resulted tests might be underestimated because while most laboratories report all COVID-19 test results to the Wyoming Department of Health, they are only required to report positive results.
- The orange line shows the percent of tests resulted that were positive. The percent of positive tests correspond to the scale on the right side of the graph.
- The percent of positive tests is helpful for public health to track whether symptoms of people being tested are caused by COVID-19 (a higher positivity rate) or if their symptoms are being caused by something else (a lower positivity rate).

Resulted Tests by Age Group

This graph shows the percent of resulted tests by the age group of the person being tested.

What you need to know about this graph:
- This graph shows the percentage of all resulted tests reported to the Wyoming Department of Health (both WPHL and Non-WPHL).

Resulted Tests by County

This map shows the number of resulted tests by the county where the testing was done. When you click, or hover over, a county name you can see additional statistics for the county including:
- The number of tests broken down by type of lab (WPHL, Non-WPHL)
- The percent of resulted tests submitted by the county that were positive.

What you need to know about this map:

- The color of the county shows how many tests for each county. Tests are included in each county based on the county of residence for the person being tested, not the county where they were tested. For example, if a person is tested in Laramie County, but lives in Platte County, the test will be counted for Platte County.
- This data is based on the number of resulted tests. Some individuals will have multiple tests over time for various reasons. The positivity data shown on this dashboard is positivity for all resulted tests, not new cases.

COVID-19 Resulted Tests by Result

This graph shows the percent of all resulted tests that were positive (orange) and negative (gray).

What you need to know about this graph:
- The percent of positive tests is helpful for public health to track whether symptoms of people being tested are caused by COVID-19 (a higher positivity rate) or if their symptoms are being caused by something else (a lower positivity rate).
- The total number of resulted tests might be underestimated because while most laboratories report all COVID-19 test results to the Wyoming Department of Health, they are only required to report positive results.